

SEQUENCE LISTING

<110> Centre National de la Recherche Scientifique - CNRS

<120> DNA demethylase antisense and chemotherapy combination

<130> D19864

<150> FR 02/02 879
<150> 2002-03-07

<160> 2

<170> PatentIn Ver. 2.1

<210> 1

<211> 1966

<212> DNA

100 101

```

<400> 1
ggggggcggtgg ccccgagaag gcggagacaa gatggccgccc catagcgctt ggaggaccta 60
agaggcggtg gccggggcca cggcccgggc aggagggccg ctctgtgcgc gcccgtctca 120
tgcgtcttc ggcgtcccc cgcgcggccg gctgcggggcg gggcggtctt ccgggattcc 180
aagggctcggtt acggaaaga agcgcagcgc cgctgggaa gggggctgggaa tgccgcgc 240
ccccggggggg ggcgcgtgtc gcggagaca ggaggagggg gagagtgcgg cggcgccag 300
ccggcgctggc ggcgactccg ccataagaca gggggggccag ggcgcgcgc tcgccccgtc 360
ccccgggtgcg ggcgtgcgca gggaggcgc tggggggccg ggcgtggcc gggggcggtg 420
aaggcaggcg gggcgggggc gggcgctcg tggcgctggc cggggggggg gccgtggccg 480
gggacggggg cggggccggg gccggggccg cgccgtcccc ccgagtgccg gcagcgcc 540
tggccggcgc ggcggcggtc gccggggccg cgccgcgggt ggcggcgcc ccccccggcg 600
ggagccgggtc cttttcccg cggggagcgc gggggggggg cccaggggac cccggggcac 660
ggagagcggg aaggaggatgg attggccggc cttttcccccc ggtatggaaaga aggaggaaatg 720
atgcggaaaaa tctggctaa tgctggcaaa gaggatgtc tactacttca gtccaaatgg 780
taagaagttc aagaagcaagc ctcaaggcgc aaggatccgt gggaaatactg ttgatcttc 840
cagtttgcac ttcaagaactg gaaagatgt gcttagtaaa ttacagaaga acaaaacagag 900
actgcgaaac gatcccttcata atcaaaataa ggttaaaccg gacttgaata caacattggc 960
aatttagacaaa acagcatcaa ttttcaaaaca acccgtaacc aaagtccaaat atcatcttag 1020
caataaaatgt aaatcagacc cacaacgat gaatgaacag ccacgtcgcg ttttctggg 1080
aaggagcgta caaggactta gtgcatacaga tgtaacagaaa caattatataa aaacatcgga 1140
actacccaaa ggtcttcagaag gagttggcc aggttagcaat gatgagacc ttttatctgc 1200
ctgtgcctgt gcttcgcaca caagctctgc gccaatcaca'gggcaagtct ccgtctgtc 1260
ggaaaagaac cctgctgtt ggcttaaacac atctcaaccc ctctgcaaaatg ttttattgt 1320
acacatgtgaa gacatcgagga aacaggaaaga gcgagttacag caagtacgcg agaaatttgg 1380
gaagactgt atggcgacaa ttgtcgccg agctgtgtat acagaagaga tggatattga 1440
atggcagatgg gtagatgtaa cctaaagata tgatcgatggc acatttcgacc gactttcccc 1500
agrgraaaaat tccttagaaat tgaacaaaaaa tggttccact ggcttttgcg tgaagaaaa 1560
aaatgtacc cgagcacaata gagctttta atagcactaa ccaatgcctt ttttagatgt 1620
ttttgtatgt atatatctat tattcaaaaaa atcatgttta ttttgatgtcc taggactta 1680
attagtctt ttgtatatac aaggcaggacc ctaagatgaa gctgagctt tgatgcagg 1740
gcaactctac tggaaatgtc gcaacttcgt aaaaacatttgc tttcccccac agttttaaata 1800
gaacacatc aggaatttca aataaaatcc ccaatggggccatcttgc ttttgcattttcc 1860
ataaaatataa tttttatatac ttatggaaag gggacacccgt ttttgcattttcc catcatcact 1920
taaagacaa ataaatgatt atattcaca aaaaaaaaaaaaaaaa 1966

```

<210> 2

<211> 1411

<212> DNA

<213> *Homo sapiens*

<220>

<223> Demethylase antisense messenger RNA

<400> 2

cgccatgcattg cataagcttg ctgcgagtcata gatttttttt tttttttgtc tgtgaatata 60
atcatttatt tgtctttaca gtgtatgtgg aagaatgtac aggtgtcccc tttcaataaaa 120
gtataaaaaat atgtttatatac acagtgaagt cacaataate tttaactggg aaatttattt 180
agaattccctg atctgttctt ataaaaactg tgggggaaac aaatgttttca cgtaaatgtct 240
acatttccag tagattgcac ctggcatcaa aagctcagct tcattttagg gtcctgttg 300
atattacaaa agactaattt taagtccctag gactcaaaaat aaacatgatt ttttgaataa 360
tagatataata catcaaaaat acatctaaaa aggcatggg tagtgcattt aaaaagctct 420
atgtgctcgg gtacattttt tttcttacag gcaaaagcca gtggaaacat ttttggtcaa 480
tttcttaggaa ttttcycttg gggaaagtgc gtcgaaagtt acctgatcat attcttaggc 540
ttcatctcca ctgtccattt caatatccat ctcttctgtt tcagcagctc gcgacaagat 600
gtctgccatc agtgcttctt ccaatttctt gctgacttgc tgcactcgct ctccctgttt 660
cctgatgtct tcattctgttca caataaaagc tttgcagagg ggtttagatg ttttaagcca 720
aacagcaggg ttcttttcca cagcagcggg gacttgcctt gtgattggcg cagagctgt 780
gtgcaaagca ctggcaacag cagataaaaag ggtctcatca ttgttacctg gaccaactcc 840
ttgaagacct ttgggttgtt ccatggtttt tataatttgc tctgttacat ctgatgcact 900
aagtcccttgtt agcctttctt cccagaaaaag ctgacgtggc tgcattca ttcgttgtgg 960
gtctgatttc actttatttac taggatgatt tgcatttttgc ttttgcgtt gtttggaaat 1020
tgatgctgtt tgcatttgc ttttgcgtt gtttgcgtt gtttgcgtt ttttgcgtt 1080
gagaggatcg ttgcgttgc ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1140
agtctgttgc tcaaaaactgc tgagatcaac agtattttcc aggtaccccttgc ccaactgagg 1200
cttgcgttgc aacttcttac cacttggact gaagtagtag acatcgctc tgccagact 1260
tagccccatgtt tttcggatca ctcccttccctt ctcccatccgg ggggggggggg ccggggcaatc 1320
catcccttccctt ccgcgttccgg tggcccgccgg tccctgggc cccggcccccgg cgctccccgg 1380
cgggaaaagggg accggctccgg tcgacgcggc c 1411